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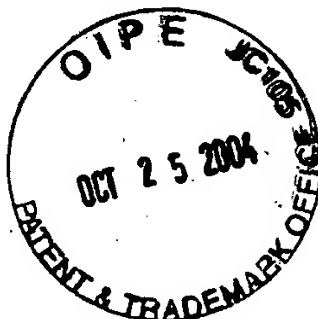
INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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7590

09/14/2004

RICHARD F GIUNTA
 WOLF GREENFIELD & SACKS
 FEDERAL RESERVE PLAZA
 600 ATLANTIC AVENUE
 BOSTON, MA 022102211



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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Eileen MacKenzie	(Depositor's name)
<i>Eileen MacKenzie</i>	(Signature)
October 22, 2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/107,684	06/30/1998	STEVEN M. BLUMENAU	E0295/7040-R	8390

TITLE OF INVENTION: METHOD AND APPARATUS FOR INITIALIZING LOGICAL OBJECTS IN A DATA STORAGE SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	12/14/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS	10/26/2004 BABRAHA2 00000056 09107684
CHOI, WOO H	2186	711-202000	01 FC:1501 02 FC:1504 03 FC:8001

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list:

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Wolf, Greenfield &
 Sacks, P.C.
 2 _____
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

EMC Corporation

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Hopkinton, MA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☒ Advance Order - # of Copies 5

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- ☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 2372825 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Richard F. Giunta

Date

October 22, 2004

Typed or printed name

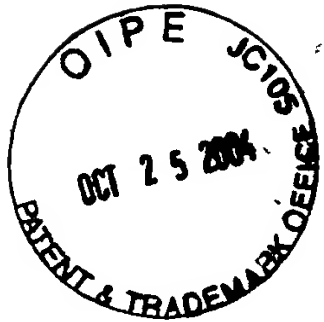
Richard F. Giunta

Registration No.

36,149

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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ATTORNEY DOCKET NO: E0295.70040US00

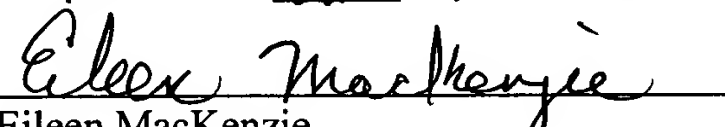
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Steven M. Blumenau, et al.
Serial No: 09/107,684
Confirmation No: 8390
Filed: June 30, 1998
For: METHOD AND APPARATUS FOR INITIALIZING LOGICAL
OBJECTS IN A DATA STORAGE SYSTEM

Examiner: Yamir Encarnacion
Art Unit: 2186

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 22nd day of October, 2004.


Eileen MacKenzie

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing are the following documents:

- ☒ Part B – Issue Fee Transmittal
- ☒ Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (617)720-3500, Boston, Massachusetts.

Serial No.: 09/107,684

-2-

Art Unit: 2186

A check in the amount of \$1,685.00 is enclosed to cover the \$1,370.00 issue fee, the \$300.00 publication fee, and the \$15.00 additional copies fee. Please credit any overpayment or charge any deficiency in the enclosed fee to the account of the undersigned, Deposit Account No. 23/2825. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Steven M. Blumenau, et al.

By: _____

Richard F. Giunta

Registration No. 36,149

WOLF, GREENFIELD & SACKS, P.C.

600 Atlantic Avenue

Boston, MA 02210

Tel. (617) 720-3500

Attorneys for Applicants

Docket No.: E0295.70040US00

Dated: October 22, 2004